CATALOGUE

OF THE

UNIVERSITY OF NORTH CAROLINA,

AT

CHAPEL HILL.

EIGHTY-NINTH YEAR.

1883-'84.

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*Deceased.

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1883-84

Faculty.

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Professor of General, Agricultural and Analytical Chemistry.

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Professor of Geology and Natural History.

JOSHUA WALKER GORE, C. E.,
Professor of Natural Philosophy and Engineering.

EMILE ALEXANDER DESCHWEINITZ, A. B.,
Assistant in Chemical Laboratory and Mineralogy.

ALBERT LUCIEN COBLE, A. B.,
Assistant in Mathematics.

THOMAS W. HARRIS, A. M., M. D.,
Professor of Anatomy and Materia Medica.

HON. JOHN MANNING, LL. D.,
Professor of Law.

----------,
State Geologist and Lecturer on the Geology of North Carolina.

JAMES LEE LOVE,
Instructor in English.

BERRIE C. McIVER,
Instructor in Greek.

BENJAMIN F. WHITE,
Instructor in Latin.

EDWARD D. MONROE, *Librarian.*

W. T. PATTERSON, ESQ., *Bursar and Secretary.*

General Information.

The University of North Carolina was established in obedience to a clause of Section XLI of the Constitution of the State, adopted on the 18th of December, 1776, viz: "All useful learning shall be duly encouraged and promoted in one or more Universities."

The charter was granted in 1789. On October 12th, 1793, the corner-stone of the first building, the "Old East," was laid by William Richardson Davie, afterwards Governor. The doors were opened for students in February, 1795. The buildings are now eight in number, with ample dormitories, recitation rooms and public halls.

The University is situate at Chapel Hill, twenty-eight miles from Raleigh, the seat of government, and is reached by a branch of the North Carolina Railroad from University Junction, on which daily trains run.

Its government is under the control of a Board of eighty Trustees, elected by the joint vote of the General Assembly. Of these, one-fourth go out of office, and their places are filled every two years. Although not so required by law, in practice they are distributed among the Congressional Districts. The Board meets regularly twice a year; in the winter at Raleigh, on a day selected by the chairman, and in the summer at Chapel Hill, during Commencement week. The former is called the Annual Meeting. The Governor is *ex-officio* chairman of the Board. Ten constitute a quorum. During the recess of the Board, an Executive Committee of seven Trustees, elected at the annual meeting, exercises all the powers of the Board of Trustees, except those specially prohibited.

DISCIPLINE.

The discipline of the institution is designed to prevent irregularities and excesses which conflict with the improvement of its members. The laws require faithful attention to duty and abstinence from everything that may interrupt or disturb study. Students will be required to observe decorum and courtesy towards each other at all times. They will not be allowed to retain in their possession during their connection with the University any pistol or other dangerous weapon.

No secret societies or clubs, other than the two literary societies hereafter mentioned, will be allowed.

The Faculty will remove from the University any student who is negligent of his duties, or exerts an evil influence over his fellows.

The practice of *hazing* in all its forms is strictly prohibited. The two literary societies have recently passed joint resolutions to co-operate with the Faculty in securing its suppression.

EXAMINATIONS AND REPORTS.

Each student is required to attend, on an average, three class exercises daily. In addition to the daily recitations and lectures, systematic written examinations are held from time to time on the various studies, and, at the close of each term, comprehensive and searching final examinations are held on all the studies pursued during the term.

Regular monthly reports are made to parents concerning the punctuality and diligence of the students, and detailed reports of scholarship are made at the close of each term.

LITERARY SOCIETIES.

In connection with the University are the Dialectic and Philanthropic Literary Societies, to one of which each student is expected to attach himself. The halls and libraries of these societies are commodious and elegantly furnished. The libraries contain each over seven thousand volumes, including history, biography, poetry, science, philosophy and the standard English and American reviews and magazines. Each society owns many valuable portraits and a considerable museum of curiosities and minerals.

The exercises of these societies and access to their libraries deserve to be ranked among the advantages offered by the University. They afford practice in debating and writing, and familiarize the students with the rules of order governing deliberative assemblies.

RELIGIOUS SERVICES.

The students are expected to attend the Sunday Bible classes, the daily morning prayers in the University chapel, and the Sunday services in the several churches in the village.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

There is a branch of the Young Men's Christian Association among the students. It has many members of spirit and activity, and its influence for good is very marked. Regular meetings are held every Sunday afternoon, and prayer-meetings each evening during the week, in one of the University halls set apart for the purpose.

MUSEUMS.

The University Museum occupies the large hall on the third floor of the East Building. Here the cabinets of the various departments have been brought together and arranged. The Geological and Mineralogical collection includes the "Vienna Cabinet," which alone comprises over two thousand specimens from all parts of the world; a large collection of minerals, rocks and fossils, collected by the late Dr. Emmons, when State Geologist, donated to the University by the State; and much material secured through the kindness of the late State Geologist, Prof. Kerr; a set of North Carolina marls, now so extensively known as fertilizers; samples of mica, gold and other minerals, and of building stones found within the State.

THE ZOOLOGICAL COLLECTION includes a cabinet of insects collected in the vicinity of Chapel Hill, containing rare and valuable species, and a large number of reptiles preserved in alcohol.

IN BOTANY, besides an Herbarium of the local flora, there is a fine set of native woods, carefully prepared and labeled; and a large collection of seeds, grains and fibres from many countries, which will be employed in the experiments of the students in Botany.

Under the head of the Department of Chemistry will be found an account of the INDUSTRIAL AND AGRICULTURAL MUSEUM.

LIBRARIES.

The libraries of the two societies have been already mentioned. The University library contains about eight thousand volumes and two thousand pamphlets. It is especially useful to students of history and language. Its French and English editions of the classics and books illustrating Greek and Roman history, antiquities and mythology, are rare and valuable.

MEDALS AND PRIZES.

GREEK MEDALS.—In the second Greek class, gold medals, each valued at fifteen dollars, are offered; one, to the best scholar; the other, to that member of the class who shall have made the greatest improvement since entering the University, and who shall be adjudged the best student of a grade above eighty-five.

MEDAL FOR ORATORY.—The Misses Mangum, of Orange, offer *in memoriam* of their father, Willie P. Mangum, a gold medal as a prize for the best oration, at the annual Commencement.

THE MATHEMATICAL PRIZE.—A prize worth thirty dollars is offered in honor of Dr. James Phillips and Dr. Charles Phillips, by the sons of the latter. It will be awarded to the member of the second class in Mathematics who attains the highest proficiency above a certain absolute standard.

THE ENGLISH MEDAL.—A lady offers a gold medal to the member of the Senior Class that shall write the best English essay. The terms of the competition are announced to the class by the Professor of English Literature.

THE B. F. MOORE SCHOLARSHIPS.

The late B. F. Moore, of Raleigh, bequeathed $5,000 in U. S. Bonds, the interest of which is to be devoted to paying the tuition of students.

THE DEEMS FUND.

This Fund was instituted by the Rev. Dr. Deems, pastor of the Church of the Strangers, New York, as a memorial of his son, Lieutenant Theodore Dissosway Deems, who was born at Chapel Hill while his father was in the Faculty of the University. It is intended to assist needy students by loans. In 1881 it was greatly enlarged through the munificence of Mr. William H. Vanderbilt. On the 1st of February, 1884, there were notes amounting to $13,310.77, representing current loans to students. To that date seventy students had been helped.

by the fund. As payments are made, new loans will be made to applicants who meet the requirements. They must come with good recommendations for character; or, if members of the University, must have demonstrated to the Faculty that they are worthy of assistance. The loans are made at six per cent. interest, on satisfactory security, and for a sufficient length of time to make the payments easy.

ANNUAL EXPENSES.

Tuition (including room and attendance)	$ 85 00			$ 85 00
Deposit for repairs	2 00			2 00
Washing	9 00			9 00
Board	72 00	to		121 50
Wood	3 50	to		10 50
Lights	1 00	to		2 00
Books	7 00.	to		14 00
Total	$179 50	to		$244 00

To these items must be added others which will be determined by the habits of the students themselves, viz: travelling expenses, clothing, furniture of room, pocket money and fees in one of the literary societies. Books and stationery will be furnished at New York retail prices.

During the present session many students, by forming clubs, obtained board at cost, being not more $8.00 per month.

The fees for tuition and repairs must be paid in advance. The Faculty earnestly advises parents to send the money necessary for defraying the expenses of their sons to W. T. Patterson, Esq., Bursar, who will safely keep and pay out the same without charge. Pains will be taken to confine the expenses of education at the University within reasonable limits. If the provisions of the Acts concerning the University, in The Code, are faithfully observed, parents and guardians may feel confident that this desirable result will be secured.

STATE STUDENTS.

By section 2633 of The Code of North Carolina, "It shall be the privilege of the board of county commissioners, in each county in this State forever to select annually one native of the State, resident in said county, of good moral character and capacity for usefulness, without the requisite means to defray the necessary expenses of education, who shall be admitted to any classes in the University for which he may be prepared, free of all charges for tuition and room rent, so that each county may always have one representative."

By section 2634 of The Code, it is required that the applicant for the county appointment shall prove, by his own oath, and at least one other creditable witness, that neither he nor his parents or guardian, nor either of them, have the requisite means to defray his tuition and room rent. Those who obtain these

appointments must promise the Faculty of the University, in writing, that they will teach in the State a period equal to half the time during which they shall receive free tuition.

AID TO STUDENTS OF LIMITED MEANS.

By authority of the Board of Trustees, the Faculty will give time on tuition to other worthy young men of limited means, or lend money out of the Deems Fund, as heretofore stated.

BEGINNING OF THE SESSION.

The annual session begins regularly on the last Thursday in August and ends on the first Thursday in June. There is an intermission of about a week at Christmas.

REQUISITES FOR MATRICULATION.

For admission into the University, such preparation is required as will enable each student to pursue with advantage the course which he may select. As a rule, each matriculate must be sixteen years of age. Exceptions may be allowed at the discretion of the Faculty.

EXAMINATION FOR ENTRANCE.

IN LATIN.—Cæsar's Gallic War (5 books), Virgil's Æneid (4 books), Cicero's Select Orations. Equivalent amounts from other authors will be accepted. Applicants must exhibit some acquaintance with Roman history and geography. A thorough knowledge of forms is indispensable.

IN GREEK.—Grammar (Goodwin's, Curtius', or Hadley's), Leighton's or White's Greek Exercises, Xenophon's Anabasis (3 books), Grecian History, Geography and Mythology.

IN MATHEMATICS.—Arithmetic, Algebra (to Equations of Second Degree).

IN ENGLISH.—English Grammar, History of the United States, Modern Geography.

Applicants wishing to pursue the scientific studies, including the branches relating to Agriculture and the Mechanic Arts, are examined only in English and Arithmetic. Those desiring to take the Philosophical Course must, in addition, be examined in Latin or Greek, according to the selection made. For the Classical Course, applicants must be examined in all the foregoing studies; Optional students, in such of the above as relate to the studies they select.

For admission to advanced standing, applicants will be examined in the studies completed by the classes which they wish to join.

Courses of Study.

The Faculty recommends one of the following courses of study:

1.—CLASSICAL COURSE.

This leads to the degree of Bachelor of Arts (A. B.). It corresponds to the old curriculum, but contains more scientific and English studies.

The figures in parentheses denote the number of recitations or lectures per week.

FIRST YEAR.—Algebra and Geometry (5), Latin (4), Greek (4), Rhetoric and History (2). Six lectures on Hygiene.

SECOND YEAR.—Trigonometry and Analytical Geometry (4), Latin (4), Greek (4), Zoology, Physiology and Botany (3).

THIRD YEAR.—Physics (3), Chemistry (3), Logic and Rhetoric (2), Elocution (1), Geology and Mineralogy or Surveying (3), and three hours a week of the elective studies published below.

FOURTH YEAR.—Mechanics and Astronomy (3), Political Economy, Constitutional and International Law (3), English Literature (3), Essays and Orations (1), Psychology and Moral Philosophy (2), and three hours a week of the elective studies published below.

ELECTIVE STUDIES (for the 3rd and 4th years).—Calculus (3), Natural History (3), Industrial and Agricultural Chemistry (3), Qualitative Analysis (2), Quantitative Analysis (3), Business Law (1), Science of Teaching (1), Latin (3), Greek (3), French (2), German (3), Surveying and Engineering (3).

2.—PHILOSOPHICAL COURSE.

This leads to the degree of Bachelor of Philosophy (Ph. B.). It has been organized for those wishing to study only one ancient language, presenting a choice between Latin and Greek. This allows still greater devotion to scientific and English studies.

FIRST YEAR.—Algebra and Geometry (5), Latin or Greek (4), French (3), Rhetoric and History (2). Six lectures on Hygiene.

SECOND YEAR.—Trigonometry and Analytical Geometry (4), Latin or Greek (4), German (3), Zoology, Physiology and Botany (3).

THIRD YEAR.—Physics (3), Chemistry (3), Logic and Rhetoric (2), Elocution (1), Geology and Mineralogy or Surveying (3), and three hours a week of the elective studies published below.

FOURTH YEAR.—Mechanics and Astronomy (3), Political Economy, Constitutional and International Law (3), English Literature (3), Essays and

Orations (1), Psychology and Moral Philosophy (2), and three hours a week of the elective studies published below.

ELECTIVE STUDIES (for the 3d and 4th years).—Calculus (3), Natural History (3), Industrial and Agricultural Chemistry (3), Qualitative Analysis (2), Quantitative Analysis (3), Business Law (1), Science of Teaching (1), Latin (3), Greek (3), French (2), German (3), Surveying and Engineering (3).

3.—SCIENTIFIC COURSE.

This leads to the degree of Bachelor of Science (B. S.). It groups the studies that relate especially to the practical pursuits of life.

Facilities are afforded for practical training in scientific studies, particular attention being given to the "branches relating to Agriculture and the Mechanic Arts." By diligent attention to the studies of this course, students will acquire theoretical and practical knowledge of the Chemistry of Agriculture, the Botany of Agriculture, the Physics of Agriculture, the Mechanics of Agriculture, the Zoology of Agriculture, &c.; as well as a competent knowledge of Mathematics, of German and French, in which languages are the chief publications on Agricultural Science, and of such English studies as will fit them to be useful citizens of their country.

Attention is called to the explanation given elsewhere of the aims of the Schools of Chemistry and Physics and the College of Natural History, respecting preparation for scientific pursuits. It will be seen that the special needs of the Southern people are provided for, instruction being given which will be of inestimable value to men of all professions and of every business.

FIRST YEAR.—Algebra and Geometry (5), English (3), Natural History Laboratory (2), Book-keeping (1), and any one of the following: Latin (4), Greek (4), French (3), German (3). Six lectures on Hygiene.

SECOND YEAR.—Trigonometry and Analytical Geometry (4), Chemistry (3), Physiology, Zoology and Botany (3), Rhetoric and History (2), French or German (3.)

THIRD YEAR.—Physics (3), Industrial and Agricultural Chemistry (3), Qualitative Analysis (2), Agricultural Botany (2), Business Law (1), Logic and Rhetoric (2), Surveying and Engineering or Calculus (3).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), Political Economy, Constitutional and International Law (3), and two electives, one out of each of the following groups: (a) Calculus (3), or Surveying and Engineering (3), or Quantitative Analysis (3); (b) English Literature (3), or Psychology, Moral Philosophy, Essays and Orations (3).

4.—TEACHERS' COURSE.

This course is intended to prepare young men to be teachers, either in the public or private schools. It embraces all the studies required by law to be

mastered by public school teachers, and several others that are indispensable to excellence in teaching. Students pursuing this course may also select, free of charge, any studies embraced in the other courses. Certificates will be awarded those who complete the course. It is believed that the studies embraced in this course and in the scheme of instruction offered in the University Normal School, which is taught during the summer vacations and is free to all, will be of incalculable benefit, not only to professional teachers, but to all persons intending to enter into any bnsiness or profession and unable to complete one of the regular four years' courses of study in the University.

FIRST YEAR.—English, Reading and Elocution, Arithmetic, Algebra, Geography (Physical and Descriptive), Physiology and School Hygiene, Drawing and Writing, Latin or Greek, Theory of Teaching.

SECOND YEAR.—Rhetoric, History, Reading and Elocution, Book-keeping, Surveying, Algebra, Geometry, Natural Philosophy, Business Law, Composition, Theory of Teaching.

OPTIONAL COURSES.

The Faculty earnestly advises students to pursue one of the regular courses. But in proper cases they are allowed to choose studies out of the courses, as may be deemed most advantageous, provided they have fifteen class exercises a week, whether lectures, recitations or laboratory practice.

An optional course once chosen must be adhered to for the session, unless for special reasons the Faculty allows a change. No student is permitted to take a course not deemed by the Faculty worthy of his time and efforts.

AGRICULTURAL STUDIES.

By availing themselves of an optional course, students, whose time and means are limited, may obtain purely agricultural instruction in branches deemed of special value. The Faculty recommends, however, that every sacrifice possible shall be made to secure a symmetrical education.

Efforts are making for the collection into a museum of the best models of plows and other agricultural implements to serve as models for the instruction of pupils. A considerable number is already on hand and others are expected. In this museum will be exhibited, likewise, specimens of the production of the soil of the various parts of the State.

DEGREES.

THE DEGREE OF BACHELOR OF ARTS is conferred upon those students who have passed approved examinations on the studies enumerated in the CLASSICAL COURSE.

THE DEGREE OF BACHELOR OF PHILOSOPHY is conferred upon those students who have passed approved examinations on the studies enumerated in the PHILOSOPHICAL COURSE.

THE DEGREE OF BACHELOR OF SCIENCE is conferred upon those students who have passed approved examinations on the studies enumerated in the SCIENTIFIC COURSE.

THE DEGREES OF DOCTOR OF PHILOSOPHY, MASTER OF ARTS, AND MASTER OF SCIENCE, are conferred upon students who have completed post-graduate courses of study prescribed by the Faculty.

THE DEGREE OF BACHELOR OF LAWS is conferred upon those students who have passed approved examinations on the studies presented in the LAW COURSE.

Outline of Instruction in the Separate Studies.

The following detailed statement of the scope and plan of instruction in the separate studies taught in the University will exhibit more clearly the nature and extent of its work. Students whose circumstances make it desirable, may pursue, with permission by the Faculty, a single study or several studies, without regard to the Courses. In such cases certificates of proficiency are awarded.

PRESIDENT'S DEPARTMENT.

In this Department the following instruction is given :

1. In Political Economy, besides the study of the text-book, are given lectures on various topics connected therewith, e. g., Public Bonds, Financial Bubbles and Crises—the condition of the country as proved by these crises, by commercial statistics and by the building of railroads, &c.,—the Law of Bills of Exchange and Promissory Notes, the History of Inventions in Picking, Spinning and Weaving Cotton, Coins of the United States and the principal nations, Weights and Measures, &c.

2. Constitutional and International Law. This study is preceded by a short course in the History of the Politics of the United States. A careful study of the Constitution of the State is given, and by lecture the successive stages of our constitutional history, beginning with the Proprietary Government, through the Colonial, the Provisional Government in the early stages of the Revolution, the Constitution of 1776, the Amendments of 1835, &c., the changes made by the attempt at secession, the Johnson and Congressional Reconstructions, the Constitution of 1868, and its successive amendments, together with the leading judicial decisions on constitutional questions.

The Constitution of the United States is taught by text-book, and by lectures. The facts and decisions in about fifty leading cases in the Supreme Court of the United States, involving great principles, are given.

3. Besides the above, a class in Business Law, i. e., such legal principles, civil and criminal, as every business man ought to know, has been formed and is well attended. These lectures, designed to furnish information concerning matters useful to all, whether or not intending to be lawyers, are, it is believed, peculiar to this institution.

4. The Science of Teaching is exhibited by lectures and text-book instruction to students that are preparing to teach, and to such others as desire to attend the class exercises.

Text-books last used : Cooley's Constitutional Law, Johnson's History of Politics, Swett's Science of Teaching, Gregory's Political Eonomy.

ENGLISH LANGUAGE AND LITERATURE.

PROF. MANGUM AND MR. LOVE.

It is assumed that the applicant for admission into this department is familiar with the principles of Grammar as taught by the text-books generally used in preparatory schools.

Careful instruction is given in the Art of Expression, General History, Logic, Elocution, English Language, English Literature, Criticism, Essays, and Original Speeches. Special courses are provided for those wishing to pursue post-graduate studies.

Text-books last used: Hill's Composition and Rhetoric, Hodgson's Errors, Addison and Goldsmith, Gregory's Logic, Trench on Words, Richard the Third and As You Like It, Swinton's Outlines of History, Fenno's Elocution, Lounsbury's History of the English Language, Arnold's Literature, General Review Questions.

The attention of teachers is respectfully called to the importance of devoting more time and care to instruction in Elementary English. The neglect of our own language is one of the greatest defects in most of our preparatory schools. It is doubtful whether, with all the progress in general education and with all the boasted methods and appliances of our day, there has been any improvement in the primary exercise of spelling. If usage gives authority, the time may not be distant when it will, unfortunately, be considered proper to spell incorrectly. The same may be said in respect to many of the common rules of Grammar and Composition. It is very difficult, if not impossible, to correct faults in primary English after a student enters the regular classes in a college or university; yet it is probable that everybody will hold the higher institution responsible.

Further, poor preparation in English seriously affects the progress of a student through his entire course. If he attempts to go on in higher studies, he limps and staggers in all his English work; for he is like a man that walks on limbs that are lame or deformed: and he does unsatisfactory work in all other departments; because English is the language-instrument that he must use, and he is like a man that handles only dull and broken tools.

MENTAL AND MORAL SCIENCE.

PROF. MANGUM.

The studies in this department are, for the first year, Logic and Rhetoric; and, for the second year, Psychology, Moral Science, and Christian Evidences.

The course in Logic embraces the Aristotelian system and what is deemed of value in the later forms.

The studies in Rhetoric are the same as those in the second Rhetoric class in the English deparment.

With the class in Psychology pains is taken to lead the student to a practical knowledge of the various mental processes as they bear upon the duties and interests of life.

In the study of Moral Science, supreme regard is paid to the data of Christianity as furnishing the only rational and acceptable philosphy of the life of duty. Hence, the first book in the department of Ethics presents the Christian Evidences in refutation of both the old and the recent theories of infidelity.

The method of instruction is by text-book and lecture.

Text-books last used: Gregory's Logic, Hodgson's Errors, Addison and Goldsmith, Mahan's Mental Philosophy, Wright's Logic of Christian Evidences, and Gregory's Christian Ethics.

MATHEMATICS.

PROF. GRAVES AND MR. COBLE.

FIRST YEAR.—*Five recitations a week.*

The studies are Algebra and Geometry.

Text-books: Newcomb's Algebra, Wentworth's Geometry.

SECOND YEAR.—*Four recitations a week.*

Construction and use of Tables of Logarithms, Plane and Spherical Trigonometry, with applications to Surveying, Heights and Distances, etc., Plane Analytic Geometry.

Text-books: Newcomb's Trigonometry and Tables, Puckle's Conic Sections.

THIRD YEAR.—*Three recitations a week.*

Solid Analytic Geometry, Differential and Integral Calculus.

Text-books: Venable's Notes on Solid Geometry, Williamson's Differential Calculus, Williamson's Integral Calculus.

Each student is constantly stimulated and assisted in his work, and his progress is tested by oral and written examinations.

Throughout the whole course great importance is attached to the solution of problems as the only way to insure a complete mastery of the subject.

To cultivate originality and precision, questions of greater difficulty are proposed for written solution.

BOOK-KEEPING.

PROF. GRAVES.

Facilities are afforded for learning the Science of Accounts.

The subjects of Single Entry and Double Entry Book-keeping are thoroughly explained and illustrated.

Each student is required to write several sets, including, besides the principal books, various auxiliary books and business papers.

This practice is continued until he is familiar with the entries and documents necessary for all ordinary transactions.

This course is useful not only to those who intend to be accountants, but also to those preparing for any other pursuit who wish to preserve a clear and concise record of their business transactions.

Text-book: Crittenden's Book-keeping.

SURVEYING AND ENGINEERING.

PROF. GORE.

This course embraces:

1. SURVEYING.—Theory and use of Instruments, Measuring Land, Laying off and Dividing up Land, and Platting Surveys.

2. DRAWING.—Descriptive Geometry, Orthogonal and Oblique Projections, Projections of Shades and Shadows; Working Drawings of Machines, of details used in Iron, Wood and Stone Constructions, and drawings of Roofs, Bridges and Buildings.

3. ENGINEERING.—The Survey of Roads and Streams, the Survey and Location of Railroads, Laying out Curves, Leveling, the Measurement and Calculation of Earth-work; and all Railroad work up to the point of Actual Construction.

The department is well supplied with Surveying and Engineering Instruments and field practice is made an important feature of the Course.

THE GREEK LANGUAGE AND LITERATURE.

PROF. HOOPER AND MR. McIVER.

FIRST YEAR.—*Four recitations weekly.*

Homer, Herodotus, Xenophon, Exercises in Composition.

SECOND YEAR.—*Four recitations weekly.*

Thucydides, Demosthenes and the Tragedians, Grecian History. Exercises.

THIRD YEAR.—*Two recitations weekly.*

Selections from Attic Orators, Dramatic Writers.

Among books of reference are Schlegel's Lectures, Thirlwall's and Grote's Histories, Schlieman's Explorations, Bredif's Demosthenes.

We aim to make exact scholars, and in doing so, to promote precision and clearness of thought. A student thus trained will, we believe, be able to appreciate the productions of classic art, and if gifted with genius, will be competent to execute the best intellectual work in any department.

THE LATIN LANGUAGE AND LITERATURE.

PROF. WINSTON AND MR. WHITE.

The instruction is given by recitations and occasional lectures. It includes oral and written translations and criticisms of Latin authors, together with frequent practice in writing Latin. Instruction is given in Roman history and in classic mythology and antiquities. The general principles of comparative philology, with especial attention to the Latin verb and noun forms, as well as the philosophy of the subjunctive mood, are explained in a course of lectures.

The progress of the student is tested both by daily recitations and by frequent written examinations; and the final examinations, besides covering the work of the session, relate to passages not previously read by the class.

FIRST YEAR.—*Four recitations a week.*

Cicero, Livy, Grammar, Composition, History.

SECOND YEAR.—*Four recitations a week.*

Terence, Pliny, Tacitus, Horace, Composition, History, Lectures.

THIRD YEAR.—*Three recitations a week.*

Cicero, Tacitus, Juvenal, Persius, Quintillian, Horace, Latin Theses.

The Professor of Latin would be glad to advise with pupils preparing for college and not having the advantage of skilful teachers.

THE FRENCH LANGUAGE AND LITERATURE

PROF. HOOPER.

Three recitations weekly, for one year, are devoted to the study of the Grammar, including pronunciation, to the reading of Voltaire's Charles XII, and select plays from Racine, Corneille and Moliere. Attention is given to the idiomatic forms as compared with our own language and the Classics.

An optional course is arranged for a second year, embracing the master-pieces of the French Drama, specimens of oratory, history and poetry.

Books: DeVere's and Bolmar's Grammars.

THE GERMAN LANGUAGE AND LITERATURE.

PROF. WINSTON.

FIRST YEAR.—*Three recitations a week.*

Comfort's Course, Whitney's Reader and Grammar.

SECOND YEAR.—*Three recitations a week.*

Schiller's Tell, Goethe's Faust.

Especial attention is paid to the comparative philology of the English and German Languages.

GENERAL AND AGRICULTURAL CHEMISTRY.

PROF. VENABLE.

There are two courses of study: a first year's course, consisting of lectures on General Chemistry and a second year's course, including Industrial and Agricultural Chemistry and work in the Qualitative Laboratory.

In the former, the class meets three times a week throughout the scholastic year. The facts and general principles of Chemistry are presented in the following order:

1. Chemical Physics.
2. The Chemistry of the Metals and Non-metals.
3. Organic Chemistry.

Instruction is given by text-books and lectures and is illustrated by numerous experiments.

In the second year's course lectures are given three times weekly on Industrial Chemistry or the applications of Chemistry to the Arts and Manufactures. The latter part of the course is taken up by Agricultural Chemistry. The subjects treated of in the lectures on Industrial Chemistry will be: Metallurgy or extraction of metals from the ores; the manufacture of glass, porcelain and earthenware; foods, their production and adulteration; clothing, calico-printing, dyeing, bleaching, tanning of leather; building materials, artificial stone, cements, paints, preservation of wood; manufacture of candles, soap, ink, matches, &c.

In Agriculture Chemistry there will be discussed:

1. Chemical constitution of Plants.
2. Chemical constitution of Soils and Atmosphere.
3. Plant Food; nature, sources and application of Fertilizers.

In the laboratory work, which is included in this second year's course, the students spend six hours a week during the year in learning and practicing the methods of Qualitative Analysis. The object is to make them thoroughly familiar with the various substances of which they have heard in the first year's course and to enable them to determine qualitatively any ordinary unknown substance.

A deposit of $10 is required at the beginning of the session to defray the cost of apparatus and chemicals.

Text-books and books of reference: Bloxam, Fownes, Roscoe and Schorlemmer, Fresenius' Qualitative Analysis, Wagner's Technology, Johnson's How Crops Grow and How Crops Feed.

ANALYTICAL CHEMISTRY.

PROF. VENABLE AND MR. DeSCHWEINITZ.

This study is designed to prepare students to become Analytical Chemists, Teachers of Chemistry or Druggists. The course occupies three years, though it can be completed in two if the student devotes the larger portion of his time to it. In the first two years the studies pursued are the same as those mentioned in the courses under General and Agricultural Chemistry. In the third, the class spends ten hours a week in the laboratory, and full instruction is given in Practical Chemistry, including the qualitative and quantitative analysis of ores, soils, manures, technical products, &c. Students are also encouraged to undertake original research.

CHEMICAL LABORATORIES.

Two large Laboratories, a Qualitative and a Quantitative, have been fitted

up for the use of the classes. They are supplied with water and gas and all other essential appliances for the prosecution of scientific work.

MUSEUM.

For purposes of illustration in the various classes, a collection of Chemical, Industrial and Agricultural Products has been commenced, and it is hoped soon to make it quite full and valuable. Already some twelve hundred specimens have been secured.

NATURAL PHILOSOPHY.

PROF. GORE.

JUNIOR CLASS: The Junior Class meets three times a week throughout the session. Instruction is given by recitation, from text-books, experiments and lectures. The first part of the course is devoted to the Mechanics of Solids, Liquids and Gases, and is studied with special reference to the fundamental doctrines of Motion, Force and Energy, and to their applications to visible masses. Then Molecular Physics, including Sound, Light, Heat, Electricity and Magnetism, are taken up in succession and studied as forms of Energy.

The experiments made in the presence of the class constitute a very important part of the instruction.

SENIOR CLASS: This class recites three times a week throughout the session. During the fall term it studies Astronomy, including Spherical and Practical Astronomy and Cosmical Physics. During the Spring term it studies Rational Mechanics, including Statics and Dynamics of a Particle, the Theory of Central Forces, and an introduction to Rigid Dynamics.

Text-books: Deschanel's Natural Philosophy, Newcomb and Holden's Astronomy, Todhunter's Mechanics.

GEOLOGY AND MINERALOGY.

PROF. HOLMES AND MR. DeSCHWEINITZ.

The instruction embraces three courses of study, viz: Mineralogy, General Geology, and Economic Geology, and occupies three hours per week during one year.

Mineralogy will be studied during the first term. Instruction will be given

during the first part of the term in Crystallography and the chemical and physical properties of Minerals, and the remainder of the time will be devoted to laboratory work in Determinative Mineralogy.

General Geology occupies the first three months of the second term. The aim of this course is to present the general principles of the science. Physiography, Lithology, Structural Geology, Dynamical Geology, and Historical Geology will be studied in the order laid down.

Economic Geology occupies the remainder of the second term. The instruction in this course is devoted mainly to Geology in its relations to Agriculture and Mining, and will include a discussion of the origin and varieties of Soils, Mineral Manures, Building Materials, the nature and origin of Ore Deposits, and a few of the principles of Mining. Attention will be paid to the Economic Geology of North Carolina.

Text-books and books of reference: LeConte's Elements of Geology, Dana's Manual of Geology, Page's Economic Geology, Dana's Manual of Mineralogy and Lithology, Dana's System of Mineralogy, Geikie's Text-book of Geology.

ZOOLOGY.

PROF. HOLMES.

The instruction includes courses in Physiology and Hygiene, General Zoology, and laboratory work in General Zoology and Economic Entomology.

Physiology and Hygiene occupies three hours per week during the first term. Special lectures will be given on School Hygiene.

General Zoology occupies three recitations and lectures per week during the first half of the second term.

The Laboratory course extends through the year. Each student taking the course will spend five or more hours per week in the dissection of typical forms of animals studied in General Zoology. During the last half of the second term the time will be devoted to a study of insects injurious to vegetation, and the laboratory work will be supplemented by lectures and excursions.

Text-books and books of reference: Dalton's Human Physiology, Marshall's Human and Comparative Physiology, Packard's Zoology, Orton's Comparative Zoology, Huxley's Anatomy of Vertebrated Animals, Huxley and Martin's Biology, Harris' Insects Injurious to Vegetation.

BOTANY.

PROF. HOLMES.

The instruction is divided into two courses—a general course, including Physiological Botany, and an advanced course, including (a) Cryptogamic Botany, (b) Grasses and Forage Plants, (c) Vegetable Physiology.

Physiological Botany occupies three hours per week during the second half of the second term. The instruction is devoted to a study of the form, structure and function of the parts or organs of the plant. Each student will be required to do work in plant analysis during the term.

The advanced course occupies two hours per week during one year. The instruction will consist of lectures and laboratory work.

Cryptogamic Botany, including a study with the microscope of the lower forms of plants, will be taken up during the first session. Special attention will be paid to rust, smut and other fungi parasitic upon the field crops.

Grasses and forage plants will be studied during the first half of the second session. The time will be devoted to a consideration of the cereals and more important grasses, and valuable forage plants of other families.

Vegetable Physiology, or the life and growth of plants, will be taken up during the last half of the second term. Attention will be paid to the growth of the plant as affected by cultivation, different kinds of soil and fertilizers.

Text-books and works of reference: Gray's Lessons and Manual of Botany, Gray's Structural Botany, Bessey's Botany, Johnson's How Crops Grow and How Crops Feed, Sach's Text-book of Botany.

LABORATORIES.

Two laboratories have been fitted up; one for the use of students in Mineralogy and Geology, and another for the use of students in Zoology and Botany.

SCHOOL OF LAW.

HON. KEMP P. BATTLE, LL. D., President.
HON. JOHN MANNING, A. M. LL., D., Professor.

This department contains two classes:

1. A class consisting of students who have no other connection with the classes of the University.

2. A class consisting of such students of other departments of the University as are allowed by the Faculty, in addition to their other studies, to pursue the study of the law.

While particular attention is directed to preparation for obtaining license to practice law in the courts of this State, the student will be invited to pursue a more extended course, and to obtain a broad and liberal knowledge of the law.

Wherever the law of North Carolina differs from that enunciated in the text-books, information is given of such difference and the reason therefor. Lectures are given from time to time on such subjects as have been greatly modified by our statutes, such as Marriage, Descent, Wills, Limitations, Exemptions from Executions, &c.

A Moot Court for the discussion of law questions, and for instruction in the practice of the courts, is regularly held by the Professor.

THE PLAN OF STUDIES comprises: (A) The course prescribed by the Supreme Court of the State for applicants for license to practice. (B) A course of study for those desiring to compete for the degree of Bachelor of Laws.

Text-books: (A) Blackstone's Commentaries, Washburn on Real Property, Williams on Executors, Stephen on Pleading, Chitty's Pleading, Adams' Doctrine of Equity, 1st Greenleaf on Evidence, Smith on Contracts, Addison or Bigelow on Torts, Constitution of the United States and of North Carolina, Code of North Carolina, particularly the Code of Civil Procedure. (B) Parsons on Contracts, Pierce on American Railroad Law, Angell & Ames on Corporations, Willard's Equity Jurisprudence, Cooley's Constitutional Limitations, Wharton's Criminal Law, and Best's Principles of Evidence.

To complete the entire course will ordinarily require two years, at the end of which the degree of Bachelor of Laws will be conferred on such students as shall pass an approved examination.

Those joining class (A) during the course, standing an approved examination on the books already read, or their equivalents, will be allowed to compete for this degree.

The advantages offered by this school are: 1. The use of the University and Society libraries, amounting in the aggregate to over twenty-five thousand volumes. 2. The training to be derived from participation in the debates and other exercises of the two literary societies. 3. The opportunity afforded, on easy terms, of attending the lectures of the President and such other lectures as they may desire. 4. Freedom from temptation and the stimulant to study found in the University regulations, and in the atmosphere of study and of books pervading Chapel Hill.

The Professor of Law receives no salary from the Trustees of the University.

TERMS, PAYABLE IN ADVANCE: For both courses, "A" and "B," $200; for the course "A" for session of forty weeks, $100; for the course "B" for session of forty weeks, $100.

The summer course will begin July first and continue until the last Thursday in August. Tuition for this course, $30.

Students will be received at any time and for any period. In such cases, reasonable deduction of tuition fees will be made.

The sessions and vacations of this department (except those of the summer course) are the same as those of the University.

SCHOOL OF MEDICINE AND PHARMACY.

THOMAS W. HARRIS, A. M., M. D.,
Professor of Anatomy, Materia Medica and Pharmacy.

JOSEPH A. HOLMES, B. Agr.
Professor of Botany and Physiology.

F. P. VENABLE, Ph. D.,
Professor of General, Analytical and Applied Chemistry.

FIRST YEAR.—Anatomy, Materia Medica and Therapeutics, three lessons per week.

Botany and Physiology.

General Chemistry, three lessons a week, with laboratory work.

SECOND YEAR.—Anatomy, Practice of Medicine, Surgery, Obstetrics, Analytical and Applied Chemistry. Laboratory work, six hours a week.

Dissection is made obligatory on students of anatomy. After the dissections are over, a short course on the operations of surgery is given. Students have the opportunity of making the operations for themselves.

The school is in the possession of a good supply of dissected models, made by the celebrated Dr. Auzoux, of Paris. These are of great service in illustrating the lessons in anatomy and physiology, when dissections are not practicable.

Text-books: Gray's Anatomy, Dalton's Physiology, Bartholow's Materia Medica and Therapeutics, Flint's Practice, Ashhurst's Surgery, Playfair's Obstetrics.

Chemistry and Botany. (See those studies, pp. 21 and 25).

Students who spend two years at the Medical School of the University and study all the branches of medicine, may become candidates for graduation after one session at the medical colleges whose diplomas they may seek.

The sessions of the Medical School begin and end with those of the other departments of the University.

CHARGES:—Chemistry, including laboratory fee, $30.00; Physiology and Botany, $7.50; other branches, $50.00 per year. Total, $87.50 yer year.

Pharmacy.

The course of study extends over two sessions of five months each, and includes :

Materia Medica and Pharmacy, by Dr. Harris.

Botany, by Prof. Holmes.

Chemistry—General, Analytical and Applied, by Prof. Venable.

The course in Materia Medica includes the study of drugs, their physical properties, physiological actions, and the actions of poisons and their antidotes.

In Pharmacy students are given theoretical and practical instruction in the art of preparing the various pharmaceutical compounds.

Text-books : Stille and Maisch, Parrish's Pharmacy.

Students who have attended the exercises of this school for two sessions of five months each, or who have attended one session at this school, with one session at some other recognized school of Pharmacy, and who shall stand an approved examination on all the studies of the course, will be entitled to Certificates of Graduation. Those who have had three years' experience as drug clerks, in addition to the above requirements, will be entitled to the Diploma and Degree of Graduate of Pharmacy.

Diplomas will be given in exchange for certificates as soon as their possessors shall furnish satisfactory evidence of having the requisite experience in compounding drugs.

The charges are, for Materia Medica and Pharmacy, $30.00 ; Botany, $5.00 ; Chemistry (with laboratory fee), $30.00.

University Normal School.

The school was regularly opened in the University buildings at Chapel Hill, N. C., June 21st, and closed July 26th, 1883.

THE FACULTY, OFFICERS AND INSTRUCTORS.

Hon. Kemp P. Battle, President.

Prof. E. P. Moses, Goldsboro, Superintendent and teacher of Arithmetic.

Prof. A. Leazar, Mooresville, teacher of English Grammar.

Prof. W. A. Wilborn, Salisbury, teacher of Geography.

Prof. E. L. Harris, Raleigh, teacher of Penmanship and Drawing.

Prof. E. W. Kennedy, Durham, teacher of Algebra and Natural Philosophy.

Dr. R. H. Lewis, Kinston, teacher of Physiology and Hygiene.

Prof. Jas. C. Meares, Raleigh, teacher of Vocal Music.

Capt. John E. Dugger, Rocky Mount, teacher of Phonics and Reading.

Prof. E. V. DeGraff, Patterson, N. J., lecturer on the Science and Art of Teaching.

Prof. Geo. Little, Washington City, teacher of Freehand Drawing in Crayon and Charcoal.

Mrs. Mary O. Humphrey, Goldsboro, teacher of Model Primary Class.

Miss Lillie W. Long, Charlotte, teacher of French.

Miss Jane C. Wade, Monroe, teacher of Calisthenics.

Mrs. Charlotte D. Murrill, Lynchburg, Va., teacher of Reading.

Mr. Willie T. Patterson, Chapel Hill, Business Agent.

Capt. John E. Dugger, Rocky Mount, Secretary.

Students Enrolled.

Males	123
Females	194
Total	317
Children in Model School	29

Donations to the University.

To the University Library:—By Mrs. Grimes, Letters of Gen. B. Grimes; by Pennsylvania State College, Agriculture of Pennsylvania for 1881 and '82; by heirs of Peter Cooper. New York, Ideas for a Science of Good Government; by Senator Zebulon Baird Vance, 13 volumes Public Documents; by Department of Interior, 44 volumes Current volume of the Patent Office Gazette; by Kansas Agricultural College, Current vol. of the Industrialist; by New Jersey State Librarian, New Jersey Archives, 3 vols.; by Jas. W. Newman, Secretary of State of Ohio, Ohio Statistics, 3 vols., Ohio Agricultural Reports, 5 vols., Reports on Geology, Zoology and Botany, 4 vols.; by Treasury Department, Report of Coast and Geodetic Survey for 1882; by the Publishers, Current vols. of the Mining Record and the Missionary Baptist; by the War Department, Fortifications of To-day; by J. Miller Moore, S. C., Sallust's Delphini; by the Author, J. H. Boner, Washington, D. C., Whispering Pines; by Cincinnati Board of Education, Report of City Schools for 1882–'3; by the Editors, vol. II of the University Monthly; by Dr. R. B. Dunglison, Phila., a number of Addresses before the American Academy of Medicine; by P. M. Hale, Raleigh, N. C., Industries of North Carolina, Forestry of North Carolina; by Hon. John Eaton, Commissioner of Education, Report for 1881, and many pamphlets; by Hon. Spencer F. Baird, Commissioner of Fish and Fisheries, Report for 1880; by Miss E. P. Peabody, Boston, Barnard's Kinder-Garden Culture; by Hon. J. C. Scarborough, Sup't of Public Instruction, Report for 1881–'82; by the Mexican Government, Anales del Ministerio de Formento de la Republica Mexicana; by Philip S. Wales, Surgeon-General U. S. N., Report for 1881; by Prest. Abbott, Report of Michigan Agricultural College for 1881–'2; by Gen. Hazen, Reports of Signal Stations; by Commissioner McGehee, Reports of North Carolina Agricultural Experiment Station and numerous publications, Kerr's Map of North Carolina; by State Chemist Dabney, Report of Chemical Department, and other publications; by Massachusetts Agricultural Experiment Station, Reports; by Dr. Thomas F. Wood, Secretary, Transactions of the North Carolina Board of Health; by Smithsonian Institute, List of Foreign Correspondents; by Harvard University, Annual Report; The Mining Record; by the Publishers, N. C. Medical Journal, Home & Democrat, Asheville Citizen, Ashboro Courier, The Workman (daily), Daily Reporter, Person County News, Wilmington Post, Transcript-Messenger, State Chronicle, Raleigh Register, Western Carolinian, Mountaineer, Pittsboro Home, N. Y. Justice.

To the Law Library:—By Hon. C. R. Thomas, Newbern, N. C., East's Reports, 16 vols., Vesey's Reports, 20 vols., Supplement to Vesey's Reports, 2 vols., Burrow's Reports, 5 vols., Law Tracts, 2 vols., Phillips and Amos on Evidence, 2 vols., Chitty's Pleading, 3 vols., Story's Pleading, 1 vol., Went

worth's Pleading and Index, 11 vols., Whitaker's Practice, 2 vols., Selwyn's Nisi Prius, 2 vols., Tidd's Practice, 2 vols., Runnington on Ejectment, 1 vol., Colyear on Partnership, 1 vol., Pothier on Obligations, 1 vol., Powell on Powers, 1 vol., Johnson's Digest, 2 vols., U. S. Statutes at large, 2 vols., Taylor's Revisal, 1 vol., Iredell's Digested Manual, 1 vol., Ward's Treatise on R. R., 1 vol., Olive Branch, 1 vol., Vermont State Papers, 1 vol. Total 84 volumes.

By Prof. Manning, Chapel Hill, N. C., Bouvier's Law Dic'y, 2 vols., Story's Eq. Jurisprudence, 2 vols., Fonblanque's Eq., 2 vols., Civil Practice, 1 vol., Tapping on Mandamus, 1 vol., Story on Sales, 1 vol., Hill on Trustees, 1 vol., Jarman on Wills, 2 vols., White and Tudor's Eq. Cases, 3 vols.

By State Library of South Carolina, S. C. Reports, vol. 19.

By the State of North Carolina, 88th and 89th N. C. Reports, 3 copies of each, Code of N. C., 2 vols., (3 copies of each.)

Total donations to Law Library 112 volumes.

To the Dialectic Library:—By Board of Agriculture, Kerr's map of N. C.; by Mrs. C. P. Spencer, U. S. G. & G. Survey of the Rocky Mountain Region, vols. IV and V; by Mrs. Minerva Tilley, Cotton is King and Pro-Slavery Arguments; by a friend, Early days of Christianity, 2 vols.; by the children of Gov. Morehead, an oil Portrait of Gov. Morehead; by Mr. James G. McPheeters, Memories of Rev. Samuel B. McPheeters, D. D.; by a friend, a Novel, The Dutchess.

To the Philanthropic Society:—By Gen. E. J. Mallett, $100; by Joseph Dixon, Jr., Horace; by Board of Agriculture, Kerr's map of N. C.; by Miss Leola Evans, Children of the Abbey; by Mrs. T. E. Hooker, Life of Patrick Henry; by Col. E. C. Yellowly, Bars and other Pleadings, Terms of Law Expounded, Instructions for Young Clerks, Finch's Law, General Federal History; by V. W. Long, Fisher's River Scenes, Explorations and Adventures in Liberia; by J. B. Litlejohn, Jr., Autograph Letters of Washington, Richmond in Bye-gone Days, Mineral Resources of Virginia; by J. Bryan Grimes, Minority Report on Slave trade.

Prof. Carey D. Grandy, deceased, late of the University, bequeathed to the Philanthropic Society his valuable library of 193 volumes.

To the Reading Room:—By the Publishers: The Commonwealth, The Daily Review, The Church Messenger, The Weekly Register, N. C. Presbyterian, Raleigh Christian Advocate, Church Union, Central Presbyterian, The Watchman, Transcript-Messenger, Weekly Witness, Musical Record, Wilmington Post, Greensboro Patriot, Person County News, Biblical Recorder, Church Paper (Moravian), Durham Tobacco Plant, The Southerner, Sunday Morning Mail, Bulletin, African.

Catalogue of Students.

1883–'84.

POST-GRADUATE STUDENTS.

ADAMS, WILLIAM JACKSON ..... Law, ... Carthage.
A. B., (Univ. of N. C., '81).

BATTLE, HERBERT BEMERTON ..... Chem. and Ag., ... Raleigh.
B. S., (Univ. of N. C., '81).

BRADSHAW, MICHAEL ..... Law, ... Ashboro.
A. B., (Trinity College, '78).

COBLE, ALBERT LUCIEN ..... Law, ... Alamance.
A. B., (Univ. of N. C., '81).

DESCHWEINITZ, EMILE ALEXANDER .. Chem. and Geol., ... Salem.
A. B., (Univ. of N. C., '82).

FAISON, HENRY ELIAS .. Const. Law, Pol. Econ. and His., . Clinton.
A. B., (Univ. of N. C., '80).

LEACH, JAS. MADISON, Jr., ... Const. Law, Pol. Ec. & His., . Lexington.
Ph. B., (Univ. of N. C., '81).

MCALLISTER, ALEX. WORTH, . Con. Law, Pol. Ec., His., ... Bingham School.
A. B., (Univ. of N. C., '82).

MURPHY, JAMES DIXON ..... Law, ... South Washington.
Ph. B., (Univ. of N. C., '81).

RANSOM, ROBERT ..... Law, ... Garysburg.
A. B., (Univ. of N. C., '80).

THOMAS, CHAS. RANDOLPH, JR .. Con. Law, Pol. Ec., His., . Newbern.
A. B., (Univ. of N. C., '81).

FOURTH YEAR STUDENTS—(SENIORS.)

ALEXANDER, CHARLES TAYLOR ..... Cl., ... Rutherfordton.
BORDEN, JOHN LEMUEL ..... Ph., ... Goldsboro.
GATTIS, SAMUEL MALLETT ..... Ph., ... Chapel Hill.
HAMER, MISSOURI ROBERT ..... Cl., ... Little Rock, S. C.
HARRIS, ANDREW JACKSON ..... Ph., ... Oxford.
HAWES, JESSE BOWDEN ..... Ph., ... Wilmington.
LOVE, JAMES LEE ..... Ph., ... Gastonia.
MCIVER, WILLIAM DONALD ..... Cl., ... Sanford.
MEBANE, GEORGE ALLEN ..... Cl., ... Mebaneville.
MILLER, JAMES DANIEL ..... Ph., ... Kinston.

Monroe, Edward Daniel	Ph.,	Jonesboro.
Osborne, Thomas Samuel	Cl.,	Asheville.
Randall, William George	Cl.,	Table Rock.
Roberts, James Cole	Ph.,	Newbern.
Rouse, Thomas Richard	Ph.,	LaGrange.
Slocumb, John Charles	Sc.,	Clinton.
Turrentine, Samuel Bryant	Cl.,	Hillsboro.
Warlick, Lee Martin	Cl.,	Lincolnton.
White, Benjamin Franklin	Ph.,	Aulander.
Wood, Julian	Ph.,	Edenton.

THIRD YEAR STUDENTS—(Juniors).

Bobbitt, James Henry	Ph.,	Raleigh.
Butler, Marion	Cl.,	Huntley.
Cabell, Benjamin W. S.	Ph.,	Danville, Va.
Davis, Richard Bryant	Sc.,	Goldsboro.
Eaton, Oscar Benjamin	Ph.,	Mocksville.
Eller, Adolphus Hill	Cl.,	Mouth of Buffalo.
Faust, Edwin Michael	Cl.,	Columbia Factory.
Feild, Alexander Jones	Cl.,	Ridgeway.
Hill, Atherton Barnes	Ph.,	Scotland Neck.
Howard, George, Jr.	Ph.,	Tarboro.
Jackson, Max	Ph.,	Fayetteville.
Latham, Heber Amos	Ph.,	Greenville.
Mangum, Ernest Preston	Cl.,	Chapel Hill.
Mann, Julian Smith	Cl.,	Middleton.
McIver, Berrie Chandler	Cl.,	Sanford.
McNeill, Daniel Hector	Cl.,	Winder.
McNeill, William Hamilton	Cl.,	Winder.
Neal, Richard Smith	Ph.,	Scotland Neck.
Norris, Walter Lee	Ph.,	Apex.
Osborne, Henry Graves	Ph.,	Leaksville.
Pou, Edward William, Jr.	Sc.,	Smithfield.
Ransom, Thomas Robert	Cl.,	Garysburg.
Rothrock, Robert Benjamin	Ph.,	Salem.
Scull, St. Leon	Sc.,	Harrellsville.
Seawell, Aaron Ashley Flowers,	Ph.,	Jonesboro.
Vann, Livingston	Cl.,	Madison, Fla.
Walser, Zebulon Baird	Sc.,	Yadkin College.
Ward, Alfred Decatur	Ph.,	Rockfish.
Weill, Solomon Cohen	Cl.,	Wilmington.
West, Jesse Felix	Ph.,	Waverly, Va.
White, William Hill	Cl.,	Salisbury.

SECOND YEAR STUDENTS—(Sophomores).

Arrington, George Wimberly	Ph.,	Hilliardston.
Barrett, James Franklin	Ph.,	Franklinton.
Battle, Lewis Junius	Ph.,	Raleigh.
Bynum, Oliver Clegg	Cl.,	Bynum.
Carroll, William Houston	Cl.,	Magnolia.
Cline, Edward Bost	Cl.,	Hickory.
Cox, Pierre Bayard	Cl.,	Raleigh.
Dixon, Joseph	Sc.,	Fountain Hill.
Dunston, Walter Seaton	Ph.,	Creswell.
Everett, William Nash	Ph.,	Rockingham.
Fennell, Hardy Lucien	Ph.,	Wilmington.
Goodman, Erastus Genair	Ph.,	Town Creek.
Grandy, Charles Taylor	Ph.,	Shiloh.
Grandy, Luther Bell	Ph.,	Oxford.
Grimes, John Bryan	Ph.,	Washington.
Haigh, Charles Thomas	Cl.,	Fayetteville.
Jackson, Herbert Worth	Ph.,	Ashboro.
Jackson, Samuel Spencer	Cl.,	Pittsboro.
Jenkins, Joseph John	Cl.,	Riggsbee's Store.
Leigh, John Henry Jacocks	Sc.,	Durant's Neck.
Little, Frank Milton	Ph.,	Wadesboro.
Manning, Pierre Beauregard	Cl.,	Sunbury.
Monroe, James Randlett	Cl.,	Fayetteville.
Moore, John Miller	Sc.,	Rock Hill, S. C.
Morehead, John Motley	Cl.,	Charlotte.
Patrick, George Lane	Sc.,	Kinston.
Patterson, Gilbert Brown	Cl.,	Shoe Heel.
Patterson, Frank Fries	Ph.,	Salem.
Rice, Henry William	Cl.,	Raleigh.
Ruffin, Sterling	Cl.,	Wilson.
Shields, Malcom McGilvary	Cl.,	Carthage.
Self, William Augustus	Cl.,	Hickory.
Sinclair, Neil Angus	Ph.,	Plainview.
Strickland, Edward Fountain	Sc.,	Bliss.
Strowd, Robert Lee	Sc.,	Chapel Hill.
Thomas, James	Cl.,	Newbern.
Uzzell, Irby Smith	Sc.,	Goldsboro.
Uzzell, Robert Lee	Sc.,	Goldsboro.
Weeks, Stephen Beauregard	Cl.,	Elizabeth City.
West, Junius Edgar	Ph.,	Waverly, Va.
Williams, John G.	Sc.,	Raleigh.
Williams, Nicholas Glen	Sc.,	Panther Creek.

Wilson, Adolphus Erwin ..... Sc., ... Morganton.
Wilson, Nathan Hunt Daniel, Jr. Cl., ... Greensboro.
Wright, Clement Gillespie ..... Cl., ... Greensboro.

FIRST YEAR STUDENTS—(Freshmen).

Baker, Joseph Henry, Jr. ..... Cl., ... Tarboro.
Baker, Thomas Atkinson ..... Sc., ... Tarboro.
Beall, John M. ..... Cl., ... Salisbury.
Boggan, William Kendall ..... Ph., ... Wadesboro.
Dockery, Claudius ..... Ph., ... Mangum.
Gill, Edwin James ..... Ph., ... Laurinburg.
Green, Herbert Linwood ..... Ph., ... Wilkesboro.
Greenlee, Robert Lee ..... Sc., ... Greenlee.
Grissom, Robert Gilliam ..... Cl., ... Raleigh.
Hackett, Richard Nathan ..... Ph., ... Wilkesboro.
Hester, St. Clair ..... Cl., ... Kittrell.
Holcombe, Fletcher Deems ..... Ph., ... Chestnut Ridge.
Holt, James Henry ..... Sc., ... Graham.
Huske, Kirkland ..... Cl., ... Fayetteville.
John, Maxcy Luther ..... Cl., ... Laurinburgh.
Johnson, Jacob Coart ..... Ph., ... Johnson's Mills.
Long, Vernon W. ..... Ph., ... Chapel Hill.
McDonald, William H. ..... Cl., ... Raleigh.
McGehee, Lucius Polk ..... Cl., ... Raleigh.
McGuire, James ..... Ph. ..... Mocksville.
McIver, John Fenelon ..... Cl., ... Winder.
Micks, Wentworth Swift ..... Ph., ... Clinton.
Morgan, Alexander Rufus ..... Cl., ... Oak Ridge.
Morris, Joseeh Algernon ..... Cl., ... Wilton.
Parker, Gaither Benajah ..... Sc., ... Burnsville.
Parsons, Hilliard Crawford, Jr. Ph., ... Wadesboro.
Patton, Peter Warlick ..... Ph., ... Table Rock.
Peterson, Matt Ransom ..... Cl., ... Clinton.
Philbeck, Joseph Beattie ..... Cl., ... New House.
Ransom, Henry Huntt ..... Cl., ... Newbern.
Reece, Darrett Manly ..... Ph., ... Booneville.
Saunders, Elijah Beattie ..... Ph., ... Lilesville.
Saunders, James Burrill ..... Ph., ... Lewiston.
Simmons, Albert Marchant ..... Cl., ... Fairfield.
Smith, Claudius Ferdinand ..... Cl., ... Coxville.
Starbuck, Henry Reuben ..... Cl., ... Winston.
Stokes, Thomas William ..... Sc., ... Ruffin.
Wilkinson, William Stronach ..... Cl., ... Tarboro.

WILSON, DELONZA TATE ..... Cl., ... Hobton.
WILSON, STEPHEN PENDER ..... Ph., ... Shawboro.
WINDERS, JOHN WILLIAM ..... Sc., ... Warsaw.
WOMACK, FRANCIS ..... Sc., ... Pittsboro.

OPTIONAL STUDENTS.

BRASWELL, M. R. ..... 1st year and Med., .. Battleboro.
BRYAN, JAMES ALEXANDER ..... 4th year ..... Salter's, S. C.
BROOKS, JOHN ..... 1st year ..... Johnson's Mills.
BURNETT, JOSEPH HALSEY ..... 1st year ..... Rocky Mount.
CALER, VANCE MONROE ..... 1st year ..... West Mills.
COX, JOHN DAVID ..... 2d year ..... Coxville.
DAVIS, BERTRAM SWIFT ..... 1st year ..... Chapel Hill.
ENGLISH, JOHN LUCIUS ..... 2d year ..... California Creek.
EWING, JOSEPH PRESTON ..... 2d year and Phar. ... Pekin.
FARMER, JOSHUA BARNES ..... 1st year ..... Wilson.
FARMER, WILLIAM MOSES ..... 1st year. ..... Wilson.
FIELDS, ALPHEUS ..... 2d year and Med. ... LaGrange.
GRAHAM, WILLIAM ALEXANDER ..... 2d year ..... Charlotte.
HARKINS, GILES WELLINGTON ..... 2d year ..... Tishemingo, I. T.
HAZELL, WILLIAM LEE ..... 1st year ..... McCray.
HEADEN, WILLIAM EDWARD ..... 1st year ..... Pittsboro.
HOSKINS, THOMAS JONES ..... 1st year and Phar. .. Durant's Neck.
KENNEDY, MCINTYRE ..... 1st year and Law .. Caledonia.
KEOGH, THOMAS SAWYER ..... 1st year ..... Greensboro.
LONG, AUGUSTUS WHITE ..... 4th year ..... Chapel Hill.
MALLETT, GEORGE HOOPER ..... 1st year and Med .. Brooklyn, N. Y.
MANNING, ISAAC HALL ..... 2d year ..... Chapel Hill.
MCCARSKEY, THOMAS EDWARD ..... 1st year ..... Williamston.
MCCULLOCH, JAMES CURRY ..... 1st year ..... Morton's Store.
MCNEELY, THOMAS CHALMERS ..... 1st year ..... Salisbury.
MORGAN, JESSE DAVID ..... 2d year ..... Elevation.
MOSER, ROBERT WILLIAM ..... 1st year ..... Monroe.
PERKINS, MINUTIUS ANGELO ..... 2d year ..... Newport.
PERRY, EDWARD FOREST ..... 1st year ..... Wake Forest.
PERSON, WILLIE MANGUM, JR. ..... 1st year ..... Franklinton.
RHODES, WILLIAM HENRY ..... 1st year ..... Comfort.
RIGGSBEE, ADOLPHUS ..... 2d year ..... Chapel Hill.
RIGGSBEE, RUFUS ..... 2d year ..... Chapel Hill.
RIVES, HEBER THOMPSON ..... 3d year ..... Aurora.
STEELE, WILLIAM LITTLE ..... 2d year ..... Rockingham.
VAUGHAN, LEONIDAS POLK ..... 1st year ..... Sparta.

Wade, Thomas	1st year	Rich Square.
Whitehurst, William Warren	2d year	Straits.
Woodard, Leonidas Polk	1st year	Wilson.

STUDENTS IN LAW.

Adams, William Jackson	Carthage.
Allen, Ethan Archibald	Newton Grove.
Beckwith, Sidney Thomas	Lake Landing.
Bradshaw, Michael	Ashboro.
Clarkson, Heriot	Charlotte.
Coble, Albert Lucien	Alamance Co.
Davis, Edward Henry	Louisburg.
Dortch, William Theophilus, Jr.	Goldsboro.
Floyd, Archibald Campbell	Boone.
Griffith, Enoch Alexander	Winston.
Hackler, Thomas Jefferson	Dallas, Texas.
Hayes, George Washington	Murphy.
Hill, Ashley Thomas	Kinston.
Johnson, Alvin Ross	Marion.
Keels, John Robert	Lynchburg, S. C.
Kennedy, McIntyre	Cameron.
King, George Badger	Falkland.
McClammy, Herbert	Scott's Hill.
Murphy, James Dixon	South Washington.
Norfleet, James	Tarboro.
Ransom, Robert	Weldon.
Strayhorn, John Thomas	Hillsboro.
Tucker, James Henry	Greenville.
Wood, John Whitaker	Scotland Neck.
Woodard, Sidney Albert	Black Creek.
Woodson, Bryan	Richmond, Va.
Wolfe, Rowland Vance	Asheville.
Wooten, Thomas Christian	Kinston.

STUDENTS IN MEDICINE AND PHARMACY.

Braswell, M. R.	Battleboro.
Ewing, Joseph Preston	Pekin.
Fields, Alpheus	LaGrange.
Haigh, Charles Thomas	Fayetteville.
Hoskins, Thomas Jones	Durant's Neck.
Mallett, George H.	Brooklyn, N. Y.
Miller, James Daniel	Kinston.

SUMMARY.

Post-Graduate Students	11
Fourth Year Students—(Seniors)	20
Third Year Students—(Juniors)	31
Second Year Students—(Sophomores)	45
First Year Students—(Freshmen)	42
Optional Students	39
Law Students	28
Students in Medicine and Pharmacy	7
	223
Deduct names counted twice	13
Total	210

HONORARY DEGREES CONFERRED JUNE, 1883.

DOCTORS OF LAW.

Hon. JOHN MANNING	Chapel Hill, N. C.
Rev. S. MENDELSOHN	Wilmington, N. C.
President HENRY E. SHEPHERD	Charleston, S. C.
Rev. A. M. SHIPP, D. D.	Nashville, Tenn.

DOCTOR OF DIVINITY.

Rev. JOHN E. C. SMEDES	Raleigh, N. C.

MASTER OF ARTS.

Prof. ALEXANDER GRAHAM	Fayetteville, N. C.

DEGREES CONFERRED IN COURSE.

MASTER OF ARTS.

WILLIAMS, HENRY HORACE	Sunbury.

BACHELORS OF ARTS.

GRAY, ROBERT PERCY	Greensboro.
HEITMAN, NUMA FLETCHER	Lexington.
RIDDLE, CHARLES LUCIEN	Egypt.
SMEDES, CHARLES WATTS	Raleigh.
SMEDES, EVERT BANCKER	Raleigh.
STAMPS, PRESTON	Milton.
THOMPSON, HENRY ERWIN	Cameron.
WILLIAMS, HENRY HORACE	Sunbury.

BACHELORS OF PHILOSOPHY.

RUFFIN, EDMUND	Old Church, Va.
TURLINGTON, IRA THOMAS	Elevation.
WILKES, JOHN FRANCIS	Charlotte.

BACHELORS OF SCIENCE.

HILL, CHARLES URQUHART	Scotland Neck.
RADCLIFFE, THOMAS	Wilmington.
SHIPP, BARTLETT	Charlotte.

BACHELOR OF LAW.

HAIZLIP, JAMES DANIEL	Graham.

RECIPIENTS OF MEDALS, 1882–'83.

GREEK MEDALS.

MCIVER, BERRIE CHANDLER	Sanford.
WEILL, SOLOMON COHEN	Wilmington.

REPRESENTATIVE MEDAL.

HAWES, JESSE BOWDEN	Wilmington.

MANGUM MEDAL.

HEITMAN, NUMA FLETCHER	Lexington.

PHILLIPS' MATHEMATICAL PRIZE.

MONROE, EDWARD DANIEL	Jonesboro.

WORTH PRIZE.

HEITMAN, NUMA FLETCHER ..... Lexington.

CHEMISTRY MEDAL.

LOVE, JAMES LEE ..... Gastonia.

PRIZE IN MATERIA MEDICA.

PERRY, JAMES CLIFFORD ..... Newbegun Creek.